

# 9 ENTERED 9/6/01 OIPE

**RAW SEQUENCE LISTING**PATENT APPLICATION: **US/09/687,276**DATE: 09/06/2001
TIME: 10:55:17

Input Set : A:\Cura-851.app

Output Set: N:\CRF3\09062001\I687276.raw

## ENTERED

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3 <110> APPLICANT: Prayaga, Sudhirdas K-
         Taupier Jr, Raymond J
         Bandaru, Raj.
 7 <120> TITLE OF INVENTION: NOVEL THYMOSIN BETA 10-LIKE PROTEINS AND NUCLEIC ACIDS
         ENCODING SAME
10 <130> FILE REFERENCE: 15966-585A
12 <140> CURRENT APPLICATION NUMBER: 09/687,276
13 <141> CURRENT FILING DATE: 2000-10-13
15 <150> PRIOR APPLICATION NUMBER: 60/159,805
16 <151> PRIOR FILING DATE: 1999-10-15
18 <150> PRIOR APPLICATION NUMBER: 60/159,992
19 <151> PRIOR FILING DATE: 1999-10-18
21 <150> PRIOR APPLICATION NUMBER: 60/160,952
22 <151> PRIOR FILING DATE: 1999-10-22
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31 <213> ORGANISM: Homo sapiens
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35 <222> LOCATION: (61)..(234)
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41 Met Ala Asp Lys Pro Asp Ile Gly Glu Ile Ala Ser Phe Asn Lys Ala
42
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44 aag ctg aag aaa aca gag atg cag gag aac acc ctg ctg acc aaa gag
45 Lys Leu Lys Lys Thr Glu Met Gln Glu Asn Thr Leu Leu Thr Lys Glu
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                                                         30
48 gcc att gag cag gag aag cgg gtg aaa ttt cct aag agc ctg gag gat
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49 Ala Ile Glu Gln Glu Lys Arg Val Lys Phe Pro Lys Ser Leu Glu Asp
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52 tcc cta ccc ctg tca tct tcg aga ccc cag tagtaatgtg gaggaagaat
53 Ser Leu Pro Leu Ser Ser Ser Arg Pro Gln
54
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56 caccacaaga tggacacaag ccacaaactg tgacgtgaac ctgggcactc cgtgctgatg 314
58 ccaccageet gagggteeet atgggteeaa teagaetgee aaattetetg gtttgeeetg 374
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Input Set : A:\Cura-851.app

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75 Ala Ile Glu Gln Glu Lys Arg Val Lys Phe Pro Lys Ser Leu Glu Asp
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RAW SEQUENCE LISTING DATE: 09/06/2001 PATENT APPLICATION: US/09/687,276 TIME: 10:55:17

Input Set : A:\Cura-851.app

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										atgctcgact								
																2700		
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																ggccac		
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		cgcc				ay C	acto	agact	all	Jegg	JUCU	aycı	-yacı	Jay	Cacco	Lagggg	3018	
		0> SI			-				,								3010	
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		1/ Li 2> Ti			72													
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		0> SI				c1	7	T	Dwa	Dag	7.1.	T 0	П~~	17.01	17.5.1	The		
		Ата	Pro	Ата	_	СТА	Arg	ьeu	PIO		Ald	ьeu	тър	Val	Val	1111		
159	1	77.	70.7 -	7.1.	5		mi	0		10					15			
	Ala								17 - 7	0	70.1 -	7.1 -	77	C1	C1	17-7		
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Input Set : A:\Cura-851.app

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	Arg		Leu	Ala	Ala	Phe		Glu	Ala	Val	Thr		Ala	Asp	Ser	Ser
198	<b>a</b>	210		61	** - 7		215	<b>63</b> .	_		_	220	_	<b>61</b>	<b>~</b> 1	_
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	225	m).	_	_		230	_	•	<b>7.</b> 1	<b>~1</b>	235	<b>~1</b>	_			240
	Asp	Thr	Pro	гÀг		Tyr	Cys	Ser	Ата		GTA	GIU	Trp	Leu		Pro
204	т1.	C1	T	C	245	C	C	7 ] _	C1	250	C1	C1	7	71	255	7.1
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	Cvc	Va 1	7.1.		C1.,	T 011	C1	Dho		T ***C	502	ת ו ת	Pro		7 00	Cln
210	Cys	Val	275	Cys	GIU	ьеи	СТУ	280	ıyı	гу	Ser	Ата	285	GTÅ	Asp	GIII
	LOU	Cve		Δrα	Cvc	Dro	Dro		Sar	Hic	Sor	Δla	Ala	Pro	Δla	Δla
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227	Cys	Pro	Trp	Ala	Leu	Ser	Arg	Cys	Glu	Ala	Cys	Gly	Ser	Gly	Thr	Arg
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231	385					390					395					400
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237				420				_	425			<b>.</b>		430	_	
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	465	FIO	ASII	ату	116	470	neu	Giu	туг	GIU	475	пур	ıyı	тут	Giu	ьуs 480
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	545		-			550			-		555					560
		Ile	Cys	Lys	Lys	Arg	His	Cys	Gly	Tyr		Lys	Ala	Phe	Gln	Asp
264			•	•	565				_	570		-			575	
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273	_	610		_			615		_	_		620			_	
		Phe	Thr	Arg	Glu		GLu	Ala	Ser	Arg		His	Ile	Glu	Lys	
	625	G1	0	G1	70	630	G1	C1	77-1	C	635	C1	70	T	7	640
278	тте	GTĀ	ser	СТА	645	Ser	стй	GIU	vaı	650	Tyr	сту	Arg	Leu	Arg 655	vaı
	Dro	Gly	Cln	λκα		Wal	Pro	U = 1	Δla		Tuc	Δla	Len	Tue	Ala	Gly
282	FIO	СТУ	GIII	660	лэр	vaı	110	vai	665	116	цуз	AIG	Бец	670	лта	GTÅ
	Tur	Thr	Glu		Gln	Ara	Ara	Asp		Len	Ser	Glu	Ala		Ile	Met
285	- 1 -		675	9	<b>J</b>	9	9	680					685			
	Gly	Gln	Phe	Asp	His	Pro	Asn		Ile	Arg	Leu	Glu		Val	Val	Thr
288	-	690		-			695			,		700	-			
	Arg	Gly	Arg	Leu	Ala	Met	Ile	Val	Thr	Glu	Tyr	Met	Glu	Asn	Gly	Ser
	705					710					715					720
293	Leu	Asp	Thr	Phe	Leu	Arg	Thr	His	Asp	Gly	Gln	Phe	Thr	Ile	Met	Gln
294				•	725					730					735	
	Leu	Val	Gly		Leu	Arg	Gly	Val	_	Ala	Gly	Met	Arg		Leu	Ser
297	_	_	~ 1	740			_	_	745		- 1	_	_	750	_	
	Asp	Leu	_	Tyr	Val	His	Arg	_	Leu	Ala	Ala	Arg		Val	Leu	Val
300	7 an	C^~	755	T OU	17-1	C116	Tuc	760	Sor	7 cn	Dho	C1 v	765	cor	Arg	Wal
302	мър	770	ASII	ьeu	Val	Суз	775	vaı	ser	ASP	rne	780	ьeu	Ser	ALG	vaı
	Leu		Asp	Asp	Pro	Asp		Ala	Tvr	Thr	Thr		Glv	Glv	Lys	Ile
	785			<u>F</u> -		790			- 1 -		795		1		-1-	800
		Ile	Arg	Trp	Thr	Ala	Pro	Glu	Ala	Ile	Ala	Phe	Arg	Thr	Phe	Ser
309				-	805					810			-		815	
311	Ser	Ala	Ser	Asp	Val	Trp	Ser	Phe	Gly	Val	Val	Met	Trp	Glu	Val	Leu
312				820					825					830		
	Ala	Tyr		Glu	Arg	Pro	Tyr	-	Asn	Met	Thr	Asn		Asp	Val	Ile
315	_	_	835				_	840	_	_		_	845	~ 1	_	_
	Ser		Val	Glu	GLu	Gly		Arg	Leu	Pro	Ala		Met	GLY	Cys	Pro
318	піс	850	T 011	uio	Cl <sub>n</sub>	Tan	855 Mot	Ton	7 00	Cvc	Тνν	860	T	7 cn	Arg	ת ה מ
	865	нта	ьeu	птъ	GIII	870	мес	ьеu	ASP	Cys	875	птэ	гуз	ASP	Arg	880
		Ara	Pro	Ara	Phe		Gln	Tle	Val	Ser		Leu	Asp	Ala	Leu	
324	0	1119	110	*****9	885	001	01.1	110	, u _	890	• • • •	200	т.ор		895	
	Ara	Ser	Pro	Glu		Leu	Arq	Ala	Thr		Thr	Val	Ser	Arq	Cys	Pro
327	,			900			-		905					910	-	
329	Pro	Pro	Ala	Phe	Val	Arg	Ser	Cys	Phe	Asp	Leu	Arg	Gly	Gly	Ser	Gly
330			915					920					925			
332	Gly	Gly	Gly	Gly	Leu	Thr		Gly	Asp	Trp	Leu	Asp	Ser	Ile	Arg	Met
333		930					935					940				
		Arg	Tyr	Arg	Asp		Phe	Ala	Ala	Gly		Tyr	Ser	Ser	Leu	
	945	., .	+	70		950	7. 7	<b>C</b> 1	70 .	** 3	955	7. 7	<b>T</b> .	<b>G3</b> :	T 1 -	960
	Met	val	ьeu	Arg		Asn	Ala	GIN	Asp		Arg	АТА	ьeu	GTA	Ile	Inr
339					965					970					975	



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/687,276

DATE: 09/06/2001 TIME: 10:55:18

Input Set : A:\Cura-851.app